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PTO/SB/21 (08-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/805,669
		Filing Date	03/22/2004
		First Named Inventor	Meimei Z. Tidrow
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	6	Attorney Docket Number	ARL 98-68D

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Request to Associate New Declaration and Power of Attorney with File		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	William V. Adams, Registration Number 32,552
Signature	
Date	15 April 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name			
Signature		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 130

Complete if Known

Application Number	10/805,669
Filing Date	03/22/2004
First Named Inventor	Meimei Z. Tidrow
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	ARL 98-68D

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

19-2201

U.S. Army Materiel Command

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent Claims		-20** =		X			
Multiple Dependent		-3** =		X			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity | Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	130
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	William V. Adams	Registration No. (Attorney/Agent)	32,552	Telephone	703 806-8255
Signature		Date	15 April 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : **10/805,669** Confirmation No.:
Applicant : **Tidrow, et al.**
Filed : **03/22/2004**
TC/A.U. : **Not Yet Assigned**
Examiner : **Not yet Assigned**

Docket : **ARL 98-68D**

Customer No. : **21364 U.S. Army Research Laboratory**

For: **Method of Fabricating a Colossal Magneto-Resistive Detector Using a Thin Film Transfer method**

REQUEST TO ASSOCIATE NEW DECLARATION AND POWER OF ATTORNEY WITH FILE

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Missing Parts
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

Please associate the attached Declaration and Power of Attorney with the above captioned case SN **10/805,669** which was filed on **03/22/2004**. The case is a Divisional of SN **09/550,623** now U.S. Patent **6,708,392** and was filed with an unsigned Declaration and Power of Attorney along with a copy of the Declaration and Power of Attorney Filed in the Parent Case. Since the Attorneys of Record are different and the inventors' addresses have changed, Applicant's Attorney believes that a new Declaration and Power of Attorney is appropriate. The Commissioner is authorized to charge Deposit Account 19-2201 Army Materiel Command \$130 or any such fee as may be appropriate.

If there are any questions, please telephone the undersigned at the local telephone number given below.

Respectfully submitted,

04/20/2004 HGUTEMA1 00000039 192201 10805669
01 FC:1051 130.00 DA

15 APRIL 2004
DATE

William V. Adams
Attorney for Applicants
Reg. No. 32,552
(703) 806-8255

DEPARTMENT OF THE ARMY
UNITED STATES ARMY RESEARCH LABORATORY
2800 POWDER MILL ROAD
ADELPHI, MARYLAND 20783-1197

Declaration and Power of Attorney for Original Application

Docket No.: ARL 98-68D

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter, which is claimed and for which a patent is sought on the invention entitled

Method of Fabricating a Colossal Magneto-Resistive Detector Using a Thin Film Transfer Method

The specification of which is attached hereto;

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims;

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56;

No foreign applications for a patent or inventor's certificate have been filed.

POWER OF ATTORNEY: I hereby certify that the Government of the United States of America, as represented by the Secretary of the Army, has an assignment in the invention set forth in this application, and give irrevocable control of this application for Letters Patent to the Government of the United States, as represented by the Secretary of the Army, and appoint the following attorneys and all registered patent attorneys and agents hereinafter associated with Customer Numbers 21364, Army Research Laboratory; and 37064, Office of Command Counsel, U.S. Army Materiel Command to transact all business in the United States Patent and Trademark Office connected therewith:

William V. Adams	32,552	(703 806-8255)	William W. Randolph	28,986	(703 806-8254)
Stephen M. Bloor	39,612	(301 394-1595)	Edward L. Stolarun	25,515	(703 806-8244)

ADDRESS ALL TELEPHONE CALLS TO William V. Adams (Phone numbers are listed above)

ADDRESS ALL CORRESPONDENCE TO: U.S. Army Research Laboratory,

ATTN: AMSRD-ARL-CS-CC-IP (C. Bourget), 2800 Powder Mill Road, Adelphi, MD 20783-1197

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME of SOLE or FIRST INVENTOR: Meimei Z. TidrowRESIDENCE: Annandale, VACITIZENSHIP: USAPOST OFFICE ADDRESS: 4643 Aspen Hill Court, Annandale, VA 22003DATE: 4/11/2004SIGNATURE: 

Docket No.: ARL 98-68D

FULL NAME OF SECOND INVENTOR: Steven Tidrow

RESIDENCE: Silver Spring, MD CITIZENSHIP: USA

POST OFFICE ADDRESS: 14105 Castle Blvd., Apt 303, Silver Spring, MD 20783-1197

DATE: 30 March 2004

SIGNATURE: Steven Tidrow

FULL NAME OF THIRD INVENTOR: _____

RESIDENCE: _____ CITIZENSHIP: _____

POST OFFICE ADDRESS: _____

DATE: _____

SIGNATURE: _____

FULL NAME OF FOURTH INVENTOR: _____

RESIDENCE: _____ CITIZENSHIP: _____

POST OFFICE ADDRESS: _____

DATE: _____

SIGNATURE: _____

FULL NAME OF FIFTH INVENTOR: _____

RESIDENCE: _____ CITIZENSHIP: _____

POST OFFICE ADDRESS: _____

DATE: _____

SIGNATURE: _____

FULL NAME OF SIXTH INVENTOR: _____

RESIDENCE: _____ CITIZENSHIP: _____

POST OFFICE ADDRESS: _____

DATE: _____

SIGNATURE: _____